

March 2015 Meeting Announcement

“Natural Hazard Identification, Impact Analysis, and Risk Assessment for Community Disaster Mitigation Planning”

Eldon Gath

Jahns Lecturer

Monday, March 30, 2015

5:30 – Social 6:30 – Dinner 7:30 - Program

Location _____.

UC Riverside

(Meeting Cost \$20 with RSVP; \$25 without RSVP; Students \$5 with proof of student ID);

See meeting details on pages 3 - 7

RSVP to desmond.chung@geobruigg.com by **5:00pm, Friday March 27, 2015**

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I thought February's meeting was a great success which was made possible by an excellent and relevant topic. Special thanks go out to Dr. Gareth Funning, UC Riverside Geology Department and his impressive presentation "The 2014 South Napa, California earthquake: a complex event on an (almost) unknown fault". I myself haven't been keeping up on the latest information from this fairly recent event, so it was good to get caught up, in a sense.

Granted the event was held just down the street from UCR but, I was impressed by the number of students that showed up for the meeting. I arrived a little late, toward the very end of the social program, just before dinner, and managed to find a seat amidst the geology students of UCR. The phrase I've been thinking about as I write this message is "Ah, youth". I'm always impressed at the exuberance and energy of students. I only hope they get as much from me as I get from them. One great idea for a future meeting was brought up by several students, particularly those nearing graduation, and that was some sort of a presentation on "the interview process for hiring". I'm sure most professionals have conducted interviews of candidates over the years for either private or government positions and we've gained experience and can relate stories and ideas on how to get through this typically daunting process. There's only so much you can get from the web. As I think our plate is full this year as far as scheduled speakers and topics, we will look into adding this for next year sometime, probably in the spring before graduation. In the interim period, for those students that do want to get an idea on the interview process, feel free to talk with any of the numerous AEG members at our meetings.

On a somewhat related note, I received a few e-mail requests after the meeting from students asking to be added to the AEG Inland Empire Chapter mailing list for the newsletter. We are more than happy to add you to the list but, more importantly, student membership to AEG is free. This would entitle you, in part, to receive our monthly newsletter. In addition, it also allows many other benefits. For complete information, visit the AEG website at aegweb.org, click on Student/Educators, access the drop-down box at Student Resources, and click on AEG for Students. You will be able to view all of the information better than I could explain it. Granted engineering geology and/or environmental geology may not be your forte or chosen discipline but, having access to a group like AEG never hurts. Feel free to pass along this information.

For this month's meeting, we are presenting Eldon Gath, AEG's 2014-2015 Richard H. Jahns Distinguished Lecturer in Applied Geology. Eldon is an excellent speaker and his presentations are well worth the price of admission. See you there.

Best regards,

Greg Johnson, Chair
AEG Inland Empire Chapter

Note from the Editor

SPONSOR! SPONSOR! SPONSOR!

We are looking for companies to be annual sponsors so more students can get involved by attending at a lower cost. So help the students out while you market your business. See attached sponsorship form for details.

Student!!! If you attend the meeting, you can email me your resume after the meeting and it will be included in the next months newsletter.

Members, if you have any announcements, please email me the information by the 25th of the month. Otherwise the information will be put into the following month's newsletter. Thank you, and I look forward to seeing you at the next event.

Desmond Chung
AEG_IE Newsletter Editor

INTRODUCTION

This talk presents the methodology of hazard map preparation for use by city and county governments for land use planning, hazard mitigation, and loss prevention. Examples will be shown for several southern California cities and counties, including active fault and seismicity, landslide and slope instability, flooding, wildfire, liquefaction, tsunami, and other types of hazard maps. These maps provide the foundation for all public Safety Elements in California and for Disaster Mitigation Plans nationwide. Illustrating the hazard, communicating how hazard becomes risk, and helping our communities mitigate that risk is a critical skill set for engineering geologists to develop.

SPEAKER BIOGRAPHY

Eldon Gath

Eldon Gath has been named the 2014-2015 Richard H. Jahns Distinguished Lecturer in Applied Geology. The lectureship is awarded jointly by the Environmental and Engineering Geology Division (EEGD) of the Geological Society of America [GSA (awarded at the Vancouver, BC Annual Meeting, October 2014)] and the Association of Environmental and Engineering Geologists [AEG (awarded at the Scottsdale Annual Meeting, September 2014)]. The purpose of the lectureship is to promote student awareness of Applied Geology. The Jahns' Lectureship has been jointly awarded annually since 1988.

Eldon, a consulting engineering geologist, has more than 30 years of experience in the identification, investigation, and remediation of geologic hazards, involving land use planning, environmental assessments, field exploration programs, and presentation of findings. He has particular experience with the evaluation of active faults for construction site planning, the development of seismic safety programs and policies, and is currently engaged in efforts to modernize California's 40-year old active fault zoning act (Alquist-Priolo Earthquake Fault Zoning Act). Eldon is the President of Earth Consultants International, a geological consulting firm [helping our clients solve complex earth-science problems around the world] that he co-founded in 1997, following 12 years with Leighton Consulting in southern California. He has considerable international experience including field projects in Turkey, Panama, Mexico, Costa Rica and Papua New Guinea, as well as project involvement in many others. Eldon is a graduate of the University of Minnesota, Institute of Technology, with a BS degree in Geology in 1978. He has been in graduate school ever since; MS program at Cal State LA (1982-1990), PhD program at UC Riverside (1993-1996), PhD program at UC Irvine (1998-2008), but despite getting very close, he has never managed to complete the degree due to his busy consulting responsibilities, professional organization involvement, and travel schedules; or conflicted priorities, if you ask his advisors.

Chair**Greg Johnson**

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Past Chairs:

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Douglas Johnston, 2013;

Debbie Kunath, 2012;

Frank Jordan, 2005, 2011;

Douglass Johnston, 2010;

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Engineering Geologists. For

more information visit the

Chapter website:

[http://www.aegsc.org/chapters/i](http://www.aegsc.org/chapters/inlandempire)[nlandempire.](http://www.aegsc.org/chapters/inlandempire)Submittals: Deadline, 25th of the

month. Employment notices,

job position announcements, and

advertisements can be posted for

a minimal fee. *Newsletter*

circulation exceeds 300 people

in greater inland areas of

Southern California, and

elsewhere.

E-Mail Address changes:

desmond.chung@geobrugg.com

AEG-IE March Meeting Details

Date & TimeMonday, March 30, 2015.

Social hour 5:30 to 6:30,

Dinner 6:30 to 7:15

Announcements 7:15 to 7:30

Talk and Q&A 7:30 to 8:30

Location

UC Riverside – Geology Building

900 University Avenue

Riverside, CA 92507

Meal

- BBQ

Cost

\$20 with RSVP

\$25 without RSVP

\$5 per student with proof of valid student ID

RSVP**desmond.chung@geobrugg.com Deadline is Friday March 27, 2015.**Individuals who RSVP but do not attend may be charged if thefinal attendance does not meet the restaurant guarantee.

DIRECTIONS TO THE MARCH MEETING LOCATION

Directions: From I-215 Heading South:

1. Exit University Avenue and turn Left.
2. Turn Right on Campus Drive to manned Kiosk. (See attached Map).

Directions: From I-215 Heading North:

1. Exit University Avenue and turn Left.
2. Turn Right on Campus Drive to manned Kiosk. (See attached Map).

OTHER MEETINGS

AEG-Southern California Section: April 6, 2015 (Monday). Joint meeting with SCGS
Topic: **“Fault Rupture and Afterslip in the South Napa Earthquake (M 6.0 on 24 August 2014)”**
Speaker: **Dr. Kenneth Hudnut**. For more information visit: <http://www.aegsc.org/>

AEG-Inland Empire Section: April 23, 2015 (Thursday). Joint meeting with IGS and SME
Topic: **“A Petroleum Geologist’s View of Oil and Gas in Southern and Central California; the Past, Present and Possible Future”** Speaker: **Kay Pitts, Reservoir Manager, Aera Energy LLC**.
For more information visit: <http://www.aegsc.org/chapters/inlandempire/>

ASCE: (Orange County Branch). April 14, 2015 (Tuesday). Topic: **“Sustainability Seminar: Greenroads & the City of Santa Ana’s Bristol Street Bronze-Certified Project”**.
For more info visit: <http://www.asceoc.org/upcoming-events>.

ASCE: (San Bernardino-Riverside County Branch). March 26, 2015 (Thursday). Topic: **“US Army Corps of Engineers Programs in the LA District”**. Speaker: **David Van Dorpe, PE, PMP**
For more info visit: http://www.asce-sbriv.org/asce_new/calendar.html.

ASCE: (San Diego County Branch). TBD For more info visit: <http://www.asce-sd.org/>

EERI: (San Diego). TBD For more info, visit: <http://sandiego.eeri.org/>

GRA: See Website for Meetings. For more info, visit www.grac.org/

IGS: April 23, 2015 (Thursday). Joint meeting with AEG-IE and SME Topic: **“A Petroleum Geologist’s View of Oil and Gas in Southern and Central California; the Past, Present and Possible Future”**
Speaker: **Kay Pitts, Reservoir Manager, Aera Energy LLC**.
For more info visit: <http://www.inlandgeo.org/>

LA Basin: March 26, 2015 (Thursday) Topic: **“Fold and Thrust Belt Structural Style of the Southern Coast Ranges and Western Transverse Ranges, California ”** Speaker: **Jay Namson**
For more info visit: <http://www.labgs.org/>

SCGS: April 6, 2015 (Monday). Joint meeting with SCGS Topic: **“Fault Rupture and Afterslip in the South Napa Earthquake (M 6.0 on 24 August 2014)”** Speaker: **Dr. Kenneth Hudnut**
For more info visit: <http://www.scgs.org/>.

SME: April 23, 2015 (Thursday). Joint meeting with AEG-IE and IGS Topic: **“A Petroleum Geologist’s View of Oil and Gas in Southern and Central California; the Past, Present and Possible Future”** Speaker: **Kay Pitts, Reservoir Manager, Aera Energy LLC**.
For more info visit: <http://www.smenet.org/SouthernCalifornia/>

SDAG: April 15, 2015 (Wednesday). Topic: **“Student Presentations – Part 2”**
For more info visit: <http://www.sandiegogeologists.org/index.html>

ANNOUNCEMENTS

ANNOUNCEMENTS & OTHER MEETINGS

2015 membership dues: If you have not renewed your AEG membership for 2014 please take a moment to do so. Membership can be renewed easily and securely at www.aegweb.org. We thank you if you have already renewed your membership for 2015.

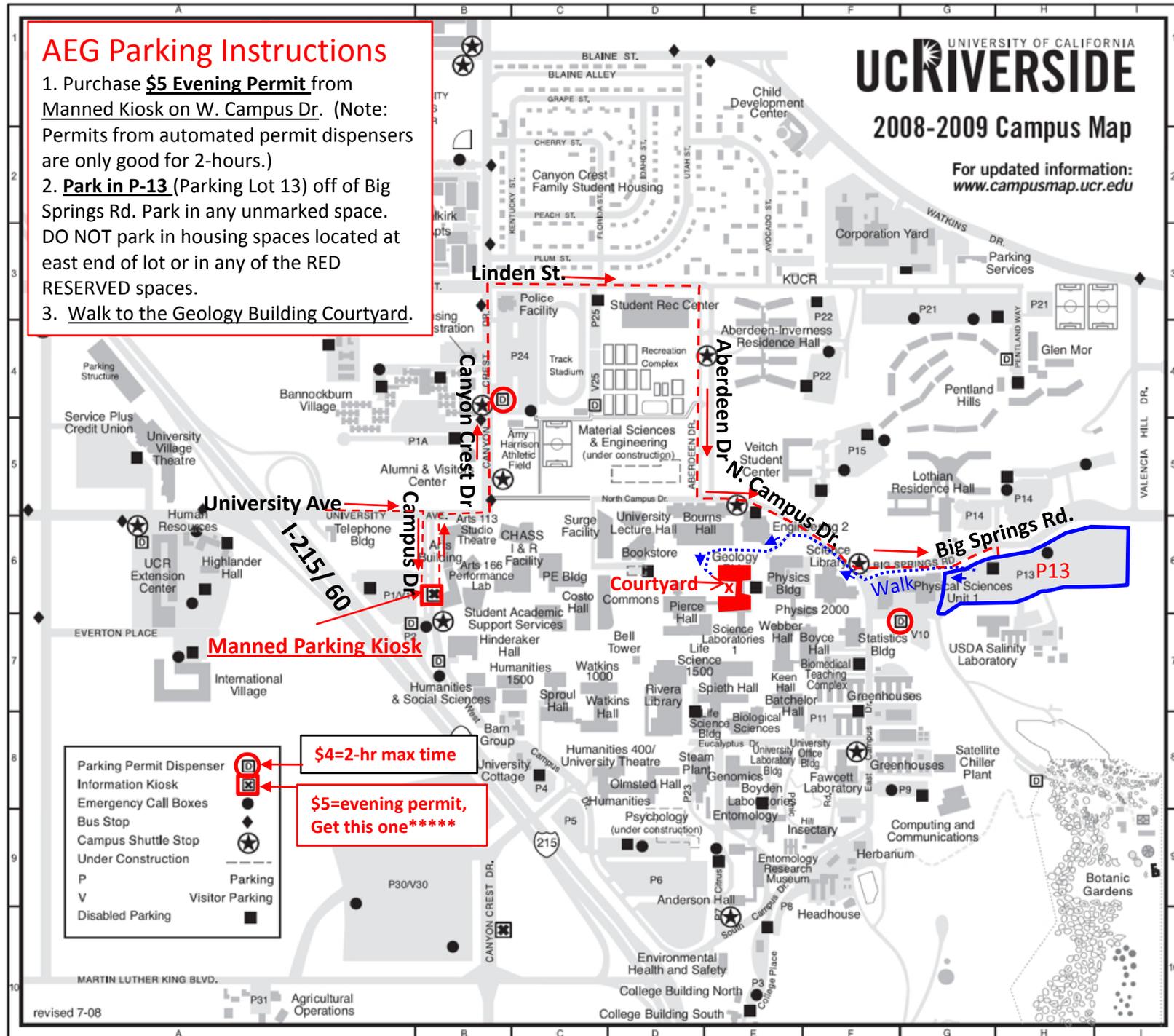
AEG Parking Instructions

1. Purchase **\$5 Evening Permit** from Manned Kiosk on W. Campus Dr. (Note: Permits from automated permit dispensers are only good for 2-hours.)
2. **Park in P-13** (Parking Lot 13) off of Big Springs Rd. Park in any unmarked space. DO NOT park in housing spaces located at east end of lot or in any of the RED RESERVED spaces.
3. **Walk to the Geology Building Courtyard.**

UCRIVERSIDE

2008-2009 Campus Map

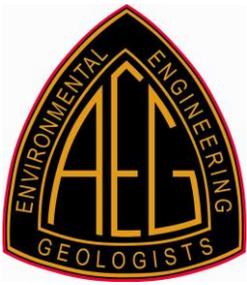
For updated information:
www.campusmap.ucr.edu



	Parking Permit Dispenser
	Information Kiosk
	Emergency Call Boxes
	Bus Stop
	Campus Shuttle Stop
	Under Construction
	Parking
	Visitor Parking
	Disabled Parking

\$4=2-hr max time

\$5=evening permit, Get this one*****



AEG MEMBER BENEFITS

- You find value in our **conferences** - both [Annual Meetings and Specialty Conferences](#) - and in the **technical knowledge** and **continuing education** you [receive at these meetings](#).
- You appreciate **networking opportunities** in local settings, at [Section meetings](#), and at national conferences. With over **3,000 members**, [AEG provides you with access to a wide network of Environmental and Engineering geology professionals](#).
- You love our **publications** - the [AEG NEWS, the Environmental & Engineering Geoscience Journal, and the AEG Insider](#) - with their [relevant geoscience information, updates on AEG activities, and engaging scientific interest stories](#).

With benefits like these, of course you want to be part of AEG! And we encourage you to spread the word - talk to your co-workers, classmates, and friends about AEG and all it has to offer.

Remember:

- Student Membership is FREE
- Graduating students receive their first year of full membership for FREE as our Graduation Gift to you (Contact aeg@aegweb.org to receive your gift)

- New Membership is just \$95 (First Year of Membership only)

- If you have - thank you! Full members receive discounted registration for [Annual Meetings and Specialty Conferences](#)

If you have any questions regarding your membership status or would like to [Join or Renew today](#), please call AEG Headquarters at 303-757-2926 or email AEG@aegweb.org.